

Ocean Exploration Initiative:**2002 Work Plan:**

| Strategy | Program/Task | Budget % |
|-----------------------|--|-----------------|
| Regional Expeditions: | <ul style="list-style-type: none">- Northeast Pacific expedition (Alaska to northern California): 90 day cruise to study seamounts, a submarine volcano and vent region, deep sea fishing grounds and protected areas, and hydrocarbon cold seeps, including ship, manned sub and ROV, and science support; deploy sound monitors; collect and process samples for new bioproducts- Planning workshops for planning subsequent expeditions | 55 |
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| Collaborations: | <ul style="list-style-type: none">- Gulf of Mexico: collaboration with JOI drill ship; deep ROV on-board for 30 days with science support; collaboration with Navy and MMS on manned sub cruise; ship-time from partners, 30 days of sub time plus science support; deploy sound monitors; collect and process samples for new bioproducts- Arctic: USCG Healy cruise, ROV support for 60 days and science support; midwater and benthic objectives- National Marine Sanctuaries: establish ROV and deep diving training program for sanctuary staff; support acoustic surveys of Sanctuaries for wrecks | 15 |
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| Rapid Response: | <ul style="list-style-type: none">- Juan De Fuca: establish listening station for monitoring eruptions and seismic activity; 20 days of ship and ROV field operations to respond to events- monitor data streams from existing NOAA and Navy listening stations; respond to extreme events with science program to detect source and impacts | 10 |
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| Technology R&D: | <ul style="list-style-type: none">- Development and testing of AUV for sensing and observing seafloor venting and seepage; development and testing of related sensors- Planning for next generation of Aquarius undersea laboratory | 5 |
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| Educational Outreach: | - k-12 curriculum development, graduate fellowship, undergraduate internship, public media productions | 10 |
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| Data Management: | - GIS data archive with Web access, including seafloor features, habitat types, shipwrecks and data from OEI research efforts | 5 |
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| | | 100% |